

## ABSTRACT

Automatic load-balancing provides a decision-making process that includes intelligent automatic detection of when a given load-balancing activation currently would not be beneficial, thereby keeping the user's network from being unnecessarily disturbed when no real benefit would be gained; a process to undo a prior load-balancing that can be activated when users have accidentally selected a feature which could substantially change their network configurations; and an extensive intelligent port-distribution algorithm that improves the network load by moving the right ports to new segments.

FINNEGAN  
HENDERSON  
FARABOW  
GARRETT &  
DUNNER LLP

1300 I Street, NW  
Washington, DC 20005  
202.408.4000  
Fax 202.408.4400  
[www.finnegan.com](http://www.finnegan.com)